Organic Air Vehicle (OAV) Sensor Integrated Real Time Information System (OSIRIS) Program - Supplemental Package
WHITE PAPER Submission DUE : **03/28/03**
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PROGRAM OBJECTIVES AND DESCRIPTION

The goal of the OSIRIS is to develop and validate a sensor suite system highlighting advanced technology for small autonomous air vehicles that will provide situation awareness, target location, collision avoidance and operations in complex terrain. Improved capabilities will be based on actual field experiments under the following flight test conditions: under the canopy, MOUT, inside buildings, and inside caves and tunnels. This program is focused on the development and validation of critical technology for understanding sensor suite system performance with coordinated use of small numbers of vehicles and degraded communications or sensors.

DARPA is soliciting proposals for advanced research into innovative technologies to enhance DoD's capabilities for enabling collision avoidance in the 9inch version of the GFE ducted fan vehicle and securing/transmitting information for battle damage assessment. Areas of interest include, but are not limited to the following 5 sensor technology areas: mono-vision, stereo-vision, acoustic, LIDAR and RADAR. Other innovative ideas are also welcome. This announcement solicits responses in three discrete phases. Approximately 5 awards are anticipated for Phase I, while 3 awards are anticipated for Phase II and one award for Phase III.

AREAS OF INTEREST

DARPA is interested in those technologies that improve collision avoidance, target location and situation awareness during operations in complex terrain. Preliminary systems studies indicate dramatic capability improvements are possible with the successful demonstration and integration of multiple innovative technologies.

Technologies of interest are diverse and are not limited to those discussed in this solicitation. The ultimate value of the technologies developed under this solicitation will be judged by two criteria: 1) the degree to which the sensor suites contribute to providing superior U.S. military systems in the areas of distributed autonomous air vehicles the ability to provide situational awareness, target location and collision avoidance to small units in complex terrain. 2) their viability in a real system as confirmed by air vehicle configuration and system studies, as airframe will be provided as GFE . Within the scope of this program, DARPA is looking toward validation of a an integrated sensor suite for real time information/system capabilities.

This research area will:

- Assess and develop a sensor suite system highlighting advanced technology for small autonomous air vehicles that will provide situation awareness, target location, collision avoidance and operations in complex terrain

- Develop advanced technology for MAVs and OAVs;

- Research and assess strengths and limitations of each Collision Avoidance/OSIRIS system based on actual field experiments under the following conditions: Under Canopy, MOUT, Inside Buildings, and Inside Caves and Tunnels;

- Develop and validate critical technology for understanding sensor suite system performance with coordinated use of small numbers of vehicles and degraded communications or sensors.
- Exploit current advanced sensor concepts in order to advance sensor suite real time information capabilities, specifically Mono-vision, Stereo-vision (Visible and IR), Acoustic, LIDAR and RADAR. Sensors may be integrated from existing components and should be non-developmental (no chip development).
- Critical areas of software development include: Sensor processing and fusion; object detection and classification; the ability to experiment, diagnose and improve; and vehicle and sensor control. The following design considerations should also be considered: processing requirements, electrical and thermal accommodation, protection from environment (rain, obscurants, impact, …), and data collection
- Other relevant areas of research include: robotic behavior control systems, intelligent autonomy advanced robotic CA concepts, airborne systems, low probability of detection, interception, & jamming technology, and systems integration.

PROGRAM SCOPE

Up to **$2 million** will be available in FY 2003 for basic awards. Multiple awards are anticipated and may take the form of a contract, cooperative agreement, or other transaction agreement. Collaborative efforts/teaming is encouraged. Under technology investment agreements cost share must be 50/50 to the extent practicable. To the extent an offeror proposes 50/50 cost share or greater, the Government will consider waiving or reducing most patent and data rights. Availability of funding beyond FY2003 will be predicated on the success of the technical efforts initiated during this initial funding period.

Proposals should address a basic award (Phase 1) and two priced options (Phase 2 and Phase 3)). Phase I will be approximately 6 months duration and will culminate in a preliminary design that specifies the particular sensor system technology being recommended to include design and performance considerations and tradeoffs. For the proposed systems, focus should be on control algorithms, how the decision process is accomplished, integration of sensors into the vehicle, and a well defined path towards Phase II and Phase III demonstration requirements. Approximately 5 contracts may be awarded for Phase I. At the Phase I Preliminary Design Review (PDR), the government retains the option of down selecting to no more than 3 offerors to exercise the Phase II option. Phase II will be approximately 18 months in duration and will culminate in a demonstration of the collision avoidance system integrated in the GFE 9 inch air vehicle flying in and around buildings in a MOUT-like environment under limited GPS conditions. At the end of Phase II, the government may down select one contractor to exercise the Phase III option. Phase III will be approximately 2 years in duration and will focus on sensing, deciding and collision avoidance movement of the air vehicle in tunnels and caves. The system will exploit, but not be restricted to mono-vision, stereo-vision, acoustic, LIDAR and RADAR.

Phase I (FY 03) will focus on:

- Refining Collision Avoidance Prototype Design

- Developing Collision Avoidance system software & predicting performance
- Will result in a Preliminary Design Review that specifies the particular sensor system technology being recommended to include design and performance considerations and tradeoffs. For the proposed systems, research focus should be on control algorithms, how the decision process is accomplished, integration of sensors into the vehicle, and a well defined path towards Phase II and Phase III demonstration requirements.

Phase II (FY 04) will focus on:

- Conducting flight experiments on integrated Collision Avoidance system

- Participating in several "Evaluation" Field Experiments hosted by DARPA

    - 4 sites to cover a variety of terrain/weather *(selected during Phase I)*
    - Collision Avoidance prototypes examined in various "realistic" vignettes
    - Teams will not have been there before
    - Each team gets 1 week.
    - Teams will be provided with terrain data 24 hours before testing
    - Teams will be provided with waypoints on-site 30 minutes before testing (no recon of area by humans)
    - Day, night, adverse weather, and smoke conditions possible
    - Human intervention expected, but will be graded (less is better)

- Refining hardware and software based on experimental lessons learned

- Begin "Developmental" field testing of prototypes
- Test and shake out integrated Collision Avoidance prototype
- Ensure that system is prepared for the uncertainties of Evaluation experiments (performance, robustness, reliability) on surrogate vehicle
- Performer selected sites and conditions

- Update Collision Avoidance hardware with improved equipment (if both cost effective and yielding significant benefit)
- Outfit OAV or MAV with Collision Avoidance prototype (for Phase III use)
    - Obtain vehicle and other hardware/software
    - Design and fabricate (if needed) mount hardware, harnesses, equipment protection, electrical power, thermal system, positioning system, …
    - Demonstrate operation at some level of autonomy by end of Phase I

- Will Conclude in a Critical Design Review

Phase III (FY 05, 06 & 07) research and development focus will be on:

- Update hardware and software based on cumulative performance data
- Conduct developmental experiments with emphasis on
    - Degraded performance
    - Dual Use (Collision Avoidance system uses payload sensors)

    - Understanding projections for capability in the next 5 years

- Generate data to show that Collision Avoidance prototype approach is sound:
    - Sensor data in field environments (performer selected sites)
    - Mount design and testing in representative conditions
    - Algorithm testing (performer selected conditions)
    - Computer and communications testing
    - Consider complimentary usage of remote sensing data from storage
- 3-D World map for reference
- Performer selected sites and conditions
- Update software as a result of Phase II findings
- Evaluation Experiments will include:
- New scenarios in more challenging terrain
- Reflect operations similar to those expected of FCS
- Inclusion of operational considerations (maintain low visibility and/or signature)
- Evaluation of performance degradation (comms loss, attrition of assets, severe environmental conditions)
- Trade-off of "cost" versus "benefit" evaluations

Awardees under this announcement will be required to meet Interface Control Design (ICD) requirements of the MAV GFE and to exchange technical information with the MAV airframe integrators. An ICD will be provided to qualified offerors who are requested to submit proposals under this announcement. In particular the Systems Studies will be performed to evaluate which technology options have the highest payoff for collision avoidance and situation awareness when viewed in the total system context. There will be at least 2 mandatory formal technical interchange meetings during Phase 1. Each proposal shall include a statement that the offeror agrees to: a) the formal exchange of technical information with other Program participants, subject to signed non-disclosure agreements and b) participation in the interchange meetings.

This announcement constitutes the entire solicitation for this effort. No additional information is available, nor will a formal request-for-proposal or other solicitation regarding this Notice be issued. Requests for same will be disregarded.

PROPOSALS

Any responsible offeror capable of satisfying the needs identified in this announcement may submit a white paper. White paper submissions are encouraged as early as possible but must be received at RDECOM STC no later than 28 March 2003. No extensions will be granted. The White Paper length is limited to 7 pages total, to include all pages. White papers must address requirements for all 3 phases and shall not exceed 7 pages in length, to include all pages. Only unclassified white papers will be accepted. Since the Phase II portion will only be considered from those offerors that are selected to accomplish the Phase I work, all white papers need to include Phase II and Phase III efforts as priced options. The white papers will be reviewed to determine that the proposed effort is within the scope and interest of this solicitation. Proposals will only be solicited from white papers deemed to best meet the program objectives. Subsequently, offerors will be notified whether or not their white paper was favorably received. Favorable review of a white paper does not constitute selection of the proposed effort for contract award and will not establish a binding commitment for the Government to fund the effort in whole or part. White papers will be evaluated by a technical review board considering

the following criteria listed in descending order of importance: (1) innovative and creative technical approaches; (2) understanding of the technical issues and risks; (3) soundness of the technical and management approach; (4) offeror's relevant experience, facilities and availability of qualified, experienced technical personnel; (5) organization, clarity and thoroughness of the proposal. Cost reasonableness and realism will be assessed, but this assessment is of a lower priority than the technical evaluation. To be eligible for award a white paper must be submitted. Offerors not submitting a white paper will not be eligible to receive an award. Favorable notification of white papers will be accomplished by 28 April 2003. Upon notification, the Government will issue a request for proposal letter to the qualified offerors, who best meet the program objectives. Proposals will only be solicited from white papers deemed to best meet the program objectives. If proposals are solicited, proposals are due NLT 30 May 2003. White papers must be unclassified. No classified proposals will be accepted. This announcement solicits white papers from the widest number of offerors, including qualified corporations, research centers, universities, FFRDCs, and DOE laboratories. Such offerors may include foreign firms to the degree that they are eligible to receive awards resulting from this solicitation. Such offerors may also include foreign personnel as part of their proposed resources to the degree that these personnel are eligible to perform research and development required by awards that may result from this solicitation. Historically Black Colleges and Universities (HBCUs) and Minority Institutions (MIs) are encouraged to submit proposals and join others in submitting proposals; however, no portion of this solicitation will be set aside for HBCU and MI participation because of the impracticality of reserving discrete or severable areas of research.

Unclassified White papers must be received by mail to RDECOM STC, Attn: H. Michelle Kalphat, 12423 Research Parkway, Orlando, Fl 32826 on or before 28 March 2003.

Proposals must be received by mail to NAVAIR Orlando TSD Contracts Office, Attn: Ms. Vanessa Dobson, Procuring Contracting Officer, Code 25353, 12350 Research Parkway, Orlando, FL 32826 on or before 4:00PM, EDT, 30 May 2003. Proposals received after the closing date and time of this solicitation will not be reviewed or evaluated.

As soon as the proposal evaluation is completed on or before 1 July 03, offerors will be notified that 1) the proposal has been selected and will be funded, 2) the proposal has been selected pending the availability of funds, or 3) the proposal has not been selected. Unless otherwise advised by the offeror at the time of submission, non-selected proposals will be destroyed; however, one copy of non-selected proposals may be retained for file purposes.

Awards resulting from this solicitation may take the form of a contract, cooperative agreement, or other transaction agreement depending upon the nature of the work proposed, the required degree of interaction between parties, and other factors. If warranted, portions of resulting awards may be segregated into pre-priced options. The Government reserves the right to select for award all, some, or none of the proposals received.

PROPOSAL EVALUATION CRITERIA
Evaluation of proposal will be accomplished through a technical review using the following criteria, listed in descending order of importance:
1) Overall scientific and technical merit including degree of innovation, understanding of the technical and operational issues, and technical approach.

2) Relevance to situation awareness, target location, collision avoidance and operations in complex terrain of 9inch MAV under limited GPS conditions
3) Offeror's capabilities and related experience, qualifications and achievements of personnel, and adequacy of facilities and equipment.
4) Cost realism.

PROPOSAL PREPARATION INSTRUCTIONS

The proposal must stand on its own merit; only information provided in the proposal can be used in the evaluation process leading to an award. The proposal should be prepared simply and economically, providing straightforward, concise delineation of capabilities necessary to perform the proposed work. The technical proposal must be accompanied by a fully supported cost proposal as cost and technical considerations are reviewed simultaneously.

Proposals containing data that is not to be disclosed to the public for any purpose or used by the Government except for evaluation purposes shall include the following statement on their cover page.

> The proposal includes data that shall not be disclosed outside the Government and shall not be duplicated, used, or disclosed - in whole or in part - for any purpose other than to evaluate this proposal. If, however, a contract is awarded to this offeror as a result of - or in connection with - the submission of this data, the Government shall have the right to duplicate, use, or disclose the data to the extent provided in the resulting contract. This restriction does not limit the Government's right to use information contained in these data if they are obtained from another source without restriction. The data subject to this restriction are contained in sheets _____.

The Offeror shall also mark each sheet of data it wished to restrict with the following legend:

> Use or disclosure of data contained on this sheet is subject to the restriction on the title page of this proposal.

PROPOSAL FORMAT

Proposals that do not satisfy the following form and format requirements will be rejected without review and returned to the offeror.

Proposals shall consist of two volumes: Volume I – TECHNICAL AND MANAGEMENT, and Volume II - COST. Volume I shall consist of at least two sections. Volume II shall consist of four parts. All pages shall be printed on 8-1/2 by 11 inch paper; type not smaller than 12 point. The page limitation for proposals includes all figures, tables, and charts. The maximum total length of Sections I and II of Volume I is thirty (30) pages. An optional Section III can be used to provide additional information. Optional Section III will be included in the page count. There is no page limitation applicable to Volume II. Binding by stapling the upper left corner is mandatory for Volume I and preferred for Volume II; multi-ring loose-leaf notebooks and other bulky binding techniques should not be used. An offeror shall submit an original and five (5)

copies of proposals, and each proposal shall be signed and transmitted by an official who is authorized to commit the offeror.

Volume I - TECHNICAL and MANAGEMENT

Cover Sheet

The Cover Sheet shall identify: Broad Agency Announcement (BAA) number; technical area; lead organization submitting the proposal; type of business (large, small, educational institution, other not-for-profit/non-profit, etc.); offeror's number (if any); other team members (if applicable) and their types of business; proposal title; technical points of contact; and administrative points of contact.

Section I - Summary of Proposal

This section shall provide an overview of the proposed work, as well as the introduction of associated technical and management issues. In a manner of the offeror's choosing, this Section should provide a succinct description of the uniqueness and benefits of the proposed approach, relative to the current state-of-art and alternate approaches, followed by: A) Innovative claims for the proposed research. (Include in this section all proprietary claims to results, prototypes, intellectual property, or systems supporting and/or necessary for the use of the research, results, and/or prototype. If there are no proprietary claims, this should be stated.) B.) Deliverables associated with the proposed research, and any plans and capabilities to accomplish technology transition and commercialization. C.) Schedule and milestones for the proposed research, including summary estimates of cost for each task in each year of the effort, total cost and company cost share(s). D.) Technical rationale, technical approach, and constructive plans for accomplishment of technical goals. E.) General discussion of other research in this area. F.) A clearly defined organization chart for the program team which includes, as applicable, the programmatic relationship of team members; the unique capabilities of team members; the task responsibilities of team members; the teaming strategy among the team members; and the key personnel along with the amount of effort to be expended by each person during each year. G) Major facility requirements such as wind tunnel testing or flight research vehicles. These requirements may address specific facilities, but should also provide details of facility capability requirements and estimates of total facility occupancy and test time. At its discretion DARPA may choose to make bulk purchases of facility time in one or more major test facilities and apportion that test time to program participants.

Section II - Detailed Proposal Information

This section shall provide the detailed discussion of the proposed work necessary to enable an in-depth review of specific technical and managerial issues. Specific attention must be given to addressing both the risks and payoffs of the proposed research that make it desirable for DARPA to pursue. In a manner of the offeror's choosing, this Section should provide: A.) Statement of Work (SOW), written in plain English, that describes the scope of the effort, the specific tasks to be performed and their schedules. B.) Description of the results, products, transferable technology, and expected technology transfer path(s) (enhancing Section I.B). C.) Detailed technical rationale (enhancing Sections I. D and I. E). D.) Comparison with other ongoing research indicating advantages and disadvantages of the proposed effort. E.) Discussion of offeror's previous accomplishments/work in this or closely related research areas. F.) Description of the facilities that would be used for the proposed effort. G.) Detail support,

including formal teaming agreements that are required to execute the offeror's proposal (enhancing Section I.F).

Section III - Appendix (Optional)
In a manner of the offeror's choosing, this Section may provide a brief bibliography of relevant technical papers and research notes (published and unpublished) which document the technical ideas upon which the proposal is based. Herein the offeror may include such papers; however, DARPA-TTO will not consider this Section in the evaluation process.

Volume II - COST
An offeror's cost proposal shall consist of four parts: Part A – Cover Sheet. The Cover Sheet shall include: name and address of offeror (*include zip code);* name, title, and telephone number of offeror's business point of contact; DUNS Number, Tax Identification Number, CAGE Number, , proposed contract type; place(s) and period(s) of performance; total proposed cost, separated by basic award and option(s) (if any); name, address, and telephone number of the offeror's cognizant administration office *(if known)*; and, name, address, and telephone number of the offeror's cognizant audit office *(if known)*. Part B - Cost Summary Sheet. A one-page summary of program costs in tabular format, broken down by basic award and options (with options nominally being one year in duration); prime contractor/consortium lead, subcontractors/team members, and funding to government laboratories and agencies; cost of major facility utilization (such as wind tunnels) and industry cost sharing. Part C - Detailed Cost Breakdown. To include: (1) total program cost broken down by major cost items (direct labor, subcontracts, materials, other direct costs, overhead charges, etc.) and further broken down by year (Government fiscal year, as applicable); (2) major program task costs by year; (3) an itemization of major subcontracts and equipment purchases; (4) a summary of projected funding requirements by month; (5) a description of cost estimating methods; (6) the source, nature, and amount of any industry cost-sharing; and (7) the date the proposal was prepared. Where the effort consists of multiple portions that could reasonably be partitioned for purposes of funding, these should be identified as options with separate cost estimates for each. If a teaming arrangement is proposed, a cost breakdown should be provided for each team member. Part D – Supporting Cost and Pricing Information. This part shall include supporting cost and pricing information in sufficient detail to substantiate the summary cost estimates in Part C above. Costs for subcontracts having 20% or more of the value of the work must be substantiated to the same level of detail as the costs of the offeror.

ADDITIONAL GUIDELINES FOR COST PROPOSALS

Subcontractors' proposals must be similarly structured. All subcontracted work must be properly identified as such. If a subcontractor elects to submit an abbreviated proposal to Offeror, it is Offeror's responsibility to see that the subcontractor simultaneously submits a complete detailed proposal properly identified directly to the Contracting Officer. Offeror must ensure that subcontractor adheres to the guidance set forth herein. FAR 15.404-3 requires that Offeror provide an analysis of subcontractors' cost proposals. To that end, Offeror's proposal must:

Identify principal items/services to be subcontracted.

Identify prospective subcontractors and the basis on which they were selected. If non-competitive, provide selected source justification.

Identify the type of contractual arrangement contemplated for the subcontract and provide a rationale for same.

Identify the basis for the subcontract costs as included in Offeror's proposal (e.g., firm quote or engineering estimate, etc.).

Identify the cost or pricing data or information other than cost or pricing data submitted by the subcontractor.

Provide a price analysis of the proposed subcontract in accordance with FAR 15.404-1(b). Provide an analysis concerning the reasonableness, realism and completeness of each subcontractor's proposal. If the analysis is based on a comparison with prior prices, identify the basis on which the prior prices were determined to be reasonable. If price analysis techniques are inadequate or FAR requires submittal of subcontractor cost or pricing data, provide a cost analysis in accordance with FAR 15.404-3(b). Cost analysis should include, but not be limited to, an analysis of materials, labor, travel, other direct costs and proposed profit rates.

The cost proposal should be limited to the minimum number of pages necessary to satisfy the specific requirements set forth herein. Submission of volumes of computer-generated data to support the cost proposal is not necessary or desired. If computer-generated data is essential to support the cost proposal, it may be submitted as an addendum and must be clearly cross-referenced to the material it supports in the cost proposal.

Cost proposals should represent Offeror's best response to the solicitation. Any inconsistency, whether real or apparent, between promised performance and cost or price data must be fully explained in the proposal. Failure to explain any significant inconsistencies may demonstrate Offeror's lack of understanding of the nature and scope of the work required. Accordingly, cost proposals must be sufficient to establish the reasonableness, realism and completeness of the proposed cost/price. Further, any modifications made to the initial proposal must likewise be thoroughly supported in writing regardless of whether such changes are made during negotiations or at the time of a proposal revision.

Submit a completed DD Form 1861 or provide the information necessary to complete the DD Form if Facilities Capital Cost of Money is proposed. Blank proposal forms, are located in Part V of BAA N61339-01-R-0023, are designed to provide all required information.

ORGANIZATIONAL CONFLICT OF INTEREST

All offerors and proposed subcontractors must affirmatively state whether they are supporting any DARPA technical office(s) through an active contract or subcontract. All affirmations must state which office(s) the offeror supports and identify the prime contract number. Affirmations shall be furnished at the time of proposal submission, and the existence or potential existence of organizational conflicts of interest must be disclosed. Organizational conflict of interest exists as a result of relationships or other activities with other persons that cause an individual to be unable or potentially become unable to render impartial assistance or advice to the Government, or an individual has or might have impaired objectivity in performing the work, or an individual

has an unfair competitive advantage. This disclosure shall include a description of the action the offeror has taken, or proposes to take, to avoid, neutralize or mitigate such conflict. If the offeror believes that no such conflict exists, then the offeror shall so state in the affirmation.

NON-GOVERNMENT PERSONNEL

All proprietary material should be clearly marked and will be held in strict confidence. Restrictive notices notwithstanding, proposals may be handled, for administrative purposes only, by SRS Technologies, Inc. of Arlington, VA, a support contractor which is bound by appropriate non-disclosure requirements. Input on technical aspects of the proposals may be solicited by DARPA from non-Government consultants and experts who are bound by appropriate non-disclosure requirements. These non-Government technical consultants will not have access to proposals that are labeled by the offerors as "GOVERNMENT ONLY." Only Government evaluators will make selections under this announcement.

Contracting will exclude countries that are on the State Department List of Countries that support terrorism as stated in Part V - Proposal Forms, Representations and Certifications, DFAR Clause 252.209-7001 entitled, "Disclosure of Ownership or Control By A Foreign Government That Supports Terrorism (MAR 1998)."

FOREIGN NATIONALS PERFORMING UNDER RESULTANT CONTRACT

Access to technical and reference documents may be restricted to U.S. Citizens only. In those instances where foreign nationals are identified to perform under any resultant contract and employment eligibility documentation has not submitted for approval with the Offeror's proposal, the employment eligibility documentation specified at 8 CFR 274a.2 shall be submitted to the Contracting Officer for review and approval prior to the foreign national's performance. Offerors not employing foreign nationals in performance of any resultant contract may disregard this provision.

The International Traffic in Arms Regulation (ITAR) and National Industrial Security Program Operating Manual (NISPOM) require an approved **Technology Control Plan** (TCP) when foreign nationals are assigned to a cleared contractor facility on an extended visit and for foreign nationals who are employed by the contractors. The minimum requirements for a TCP are:

1.Measures (e.g., unique badges, escorts, separate work area) to control access to the specific information for which Government disclosure authorization has been obtained.

2. A description of the elements of export controlled information to which the foreign national may have access and procedures for controlling this access.

3. A description of procedures for the indoctrination of the foreign person and company personnel who will be in contact with the foreign national on government security and technology transfer policies, disclosure guidance and the provisions of the TCP. The disclosure guidance must be emphasized to those other employees who will have frequent contact with the foreign national.

4. Procedures for controlling access to reproduction equipment, automated information systems, and telefax equipment.

5. A requirement that the foreign national sign a certificate, witnessed by the FSO, certifying that he or she acknowledges, understands and shall comply with U.S. Government requirements regarding access to, use, and retransfer of technical data, and will comply with applicable provisions of the TTCP.

6. Identification of a company employee who will be responsible for monitoring the activities of the foreign national at the facility.

The local Foreign Disclosure Officers (FDOs) must approve access by foreign nationals working on unclassified public domain contracts for the duration of the contract, provided the foreign nationals have appropriate work authorization documentation.

POST-EMPLOYMENT CONFLICT OF INTEREST

There are certain post-employment restrictions on former federal officers and employees, including special Government employees (Section 207 of Title 18, United States Code). If a prospective offeror believes a conflict of interest may exist, the situation should be discussed with the Contracting Officer and legal personnel before time and effort is expended in preparing a proposal.

SUBCONTRACTING

Pursuant to Section 8(d) of the Small Business Act (15 U.S.C. 637(d)), it is the policy of the Government to enable small business concerns to be considered fairly as subcontractors to contractors performing work or rendering services as prime contractors or subcontractors under Government contracts. If the total cost proposal exceeds $500,000, any large business is required to include a Small, Small Disadvantaged, and Women Owned Subcontracting Plan with its proposal package in accordance with FAR 52.219-9.

CORRESPONDENCE

All administrative correspondence and questions regarding this solicitation should be directed to one of the administrative addresses below; e-mail is preferred. Unclassified questions regarding this announcement should be directed to http://www.peostri.army.mil/BAA/OSIRIS/home.jsp . A Frequently Asked Questions (FAQs) compilation including DARPA responses will be posted on the BAA Website every Friday for the time period between the Industry Day Briefing to Offerors and the deadline for submission of proposals. Be advised that periodic access to the http://www.peostri.army.mil/BAA/OSIRIS/home.jsp is essential for obtaining updated documentation and the latest information regarding this requirement. Specific details presented about the requirement will be available in a Supplemental Package at http://www.peostri.army.mil/BAA/home.jsp. Other postings may also be made as deemed appropriate. Offerors are cautioned not to use e-mail to transmit material of a proprietary nature. However, proposals must be submitted on paper, and e-mail or fax submittals will not be evaluated.

Prior to any award under this announcement, potential offerors must furnish completed Representations and Certifications, be registered in the DoDCentral Contractor Registration (CCR) (http://www.ccr2000.com) and be able to receive payment via electronic funds transfer (EFT).

The administrative addresses for this solicitation are:
Technical Point of Contact:

RDECOM STC, Attn: H. Michelle Kalphat, 12423 Research Parkway, Orlando, Fl 32826
PHONE: (407) 384-3862; FAX: (407) 384-5454
E-MAIL: Michelle_Kalphat@peostri.army.mil

Contracting Points of Contact:

NAVAIR Orlando TSD, Vanessa T. Dobson, Procuring Contracting Officer, Code 25353, 12350 Research Parkway, Orlando, FL 32826 ATTN: BAA N61339-01-R-0023 "OSIRIS Program"; FAX 407-380-4164

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